

San Joaquin Valley Unified Air Pollution Control District

PERMIT UNIT: N-2274-1-2

EXPIRATION DATE: 9/30/2002

EQUIPMENT DESCRIPTION:

SURFACE COATING OF METAL PARTS AND PRODUCTS OPERATION
CONDUCTED WITHIN AN ENCLOSED BUILDING.

Permit Unit Requirements

1. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102, 4.1]
2. No coating with a VOC content in excess of 275 g/l for baked coating, and 340 g/l for air-dried coating, shall be used. VOC content will be determined as grams of VOC per liter of coating applied (less water and exempt compounds). [District Rule 4603, 5.1] Federally Enforceable Through Title V Permit
3. No specialty coating with a VOC content in excess of the limits, expressed as grams of VOC per liter of coating applied (less water and exempt compounds), listed in District Rule 4603, 5.2 (Amended May 20, 1993), shall be used. [District Rule 4603, 5.2] Federally Enforceable Through Title V Permit
4. The permittee shall only use solvents with a VOC content of less than 200 grams of VOC per liter of material for cleanup surface preparation, excluding cleaning of coating application equipment. [District Rule 4603, 5.4.1] Federally Enforceable Through Title V Permit
5. Closed, non-absorbent containers shall be used for storage and disposal of all solvent-laden cloth or paper. [District Rule 4603, 5.4.2] Federally Enforceable Through Title V Permit
6. All coatings and solvents shall be stored in closed containers. [District Rule 4603, 5.4.3] Federally Enforceable Through Title V Permit
7. The permittee shall not use VOC containing materials for spray equipment clean-up unless an enclosed system or an equipment proven to be equally effective is used for cleaning. [District Rule 4603, 5.4.4] Federally Enforceable Through Title V Permit
8. The operator shall only use high-volume, low-pressure spray coating application equipment for this permitted operation. [District Rule 4603, 5.5] Federally Enforceable Through Title V Permit

9. Each container or accompanying data sheet of any coating shall display the maximum VOC content of the coating, as applied, and after any thinning, and manufacturer's thinning recommendation. [District Rule 4603, 6.1] Federally Enforceable Through Title V Permit

10. Operator shall maintain a daily record of the volume of coatings and solvents applied, volume coating/solvent mix ratio, solids content of coating applied, VOC content of coating, VOC content of solvents used for surface preparation and clean up, and the total quantity of VOC emitted in pounds. Record entries shall be initialed by the person making the entry. [District Rules 2520, 9.4.2; 4603, 6.2] Federally Enforceable Through Title V Permit

11. VOC content of any coating shall be determined through the use of either product formulation data or analysis by EPA Method 24. [District Rule 4603, 6.1 & 6.3] Federally Enforceable Through Title V Permit

12. VOC emissions from beam painting operation shall not exceed 225.8 pounds in any one day. [District NSR Rule] Federally Enforceable Through Title V Permit

13. The permittee shall inspect spray building exhaust stacks weekly for excess visible emissions. The inspection shall include verifying the HVLV spray gun(s) and spray building filter/exhaust equipment are performing normal, designed functions and are being operated according to standard procedures, and per the manufacturer's recommendations. If the equipment is not performing according to design and procedures or if excessive visible emissions are observed from the building exhaust stack, the permittee shall take corrective within 24 hours. If excessive visible emissions cannot be corrected within 24 hours, EPA Method 9, except for data reduction (section 2.5), shall be conducted to determine compliance with 20% facility-wide opacity limit. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

14. The permittee shall maintain the following records with regards to spray building exhaust and equipment inspections: 1) date and time of inspection, 2) stack or emission point identification 3) operational status/conditions of spray gun/filter equipment, 4) observed results and conclusions, 5) description of corrective actions taken to resolve any observed excess opacity, 6) date and time opacity problem was resolved, 7) date of Method 9 test and results if conducted, and 8) name of person(s) performing the inspection. [District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

15. PM₁₀ emissions from beam painting operation shall not exceed 145.2 pounds in any one day. Compliance with this requirement shall be demonstrated by determining and recording and daily PM₁₀ emissions using the following calculation: (gallons coating applied/day) x (solids content, lb/gal) x

.96, PM10 fraction $\times (1-.75)$, overspray. [District NSR Rule and District Rule 2520, 9.4.2] Federally Enforceable Through Title V Permit

16. Particulate matter emissions from the building exhaust stacks shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201, 3.1] Federally Enforceable Through Title V Permit